Shivam Sharma

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SUMMARY

DevOps Engineer with hands-on experience in AWS, Docker, Kubernetes, Jenkins, and Terraform, specializing in cloud infrastructure automation, CI/CD pipelines, and system security. Proven ability to deploy scalable containerized applications and implement secure cloud solutions using Python and Linux.

EXPERIENCE

DevOps Engineer
Skillquest Learnings   **May 2025 – Nov 2025, Maharashtra**

· Deployed and managed containerized applications on AWS using Docker, Nginx, and Linux servers, ensuring secure, scalable, and highly available application environments.
· Automated build, test, and deployment workflows through Jenkins-based CI/CD pipelines, enabling reliable continuous integration, continuous deployment, and pipeline automation across cloud environments.
· Performed system monitoring, log analysis, and Linux server maintenance while applying cloud security best practices such as IAM access controls and basic server hardening to ensure secure and stable AWS deployments.

SKILLS

AWS (EC2, IAM, S3, VPC, Security Groups, CloudWatch, IAM policies)

Jenkins, Docker, Kubernetes, Terraform, Nginx

Python, Shell Scripting, SQL

Git, GitHub

Linux (Ubuntu, Debian), HTML, CSS

DEVOPS PROJECTS

InfraGuard – Cloud Scanner
infraguard.me/ · July 2025 – February 2026
· Engineered a cloud scanning platform that identified compliance gaps, enhanced security posture through automated vulnerability assessments, and facilitated continuous monitoring for regulatory adherence.
· Integrated Google Gemini API to generate intelligent remediation suggestions based on cloud security scan reports, improving vulnerability prioritization and compliance decision-making.

CI/CD Pipeline using Jenkins
· Designed an end-to-end CI/CD pipeline for automated deployments on AWS EC2.
· Integrated GitHub webhooks, Dockerized Jenkins, and Nginx reverse proxy.
· Implemented email alerts and job backup automation for reliability.

EDUCATION

B.Tech in Computer Science & Engineering
Guru Gobind Singh Indraprastha University, Delhi · Delhi · 2026 · 8.0

CERTIFICATIONS

Simplilearn – Search Engine Optimization

Internshala Trainings – Web Development

AWARDS & HONORS

2nd Runner-Up – DSA Hackathon